

GenCore version 5.1.6
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OW protein - protein search, using sw model

Run on: July 1, 2003, 17:50:35 ; Search time 27 Seconds

(without alignments)
442,434 Million cell updates/sec

Title: US-09-782-587b-1

Sequence: 1 ANAFLXLRPGSLRXCKXX.....LQKMRSEPRPVLLAPFP 406

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*

1: /cgn2_6/prodata/1/1aa/5A_COMB.pep.*

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3: /cgn2_6/prodata/1/1aa/5A_COMB.pep.*

4: /cgn2_6/prodata/1/1aa/5B_COMB.pep.*

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6: /cgn2_6/prodata/1/1aa/backfillsl.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2167	99.1	406	1 US-08-295-411-5	Sequence 5, Appl1
2	2167	99.1	406	2 US-08-955-471-5	Sequence 5, Appl1
3	2167	99.1	406	5 PCT-US92-10242-5	Sequence 5, Appl1
4	2167	99.1	444	1 US-08-475-845-2	Sequence 2, Appl1
5	2167	99.1	444	2 US-08-327-690-2	Sequence 2, Appl1
6	2167	99.1	444	2 US-08-660-289-2	Sequence 2, Appl1
7	2167	99.1	444	2 US-08-537-807-2	Sequence 2, Appl1
8	2167	99.1	444	2 US-08-871-003-2	Sequence 2, Appl1
9	2167	99.1	444	3 US-08-464-233-2	Sequence 2, Appl1
10	2167	99.1	444	4 US-09-189-607-2	Sequence 2, Appl1
11	2167	99.1	444	4 US-09-378-907-2	Sequence 2, Appl1
12	2167	99.1	444	5 PCT-US94-05779-2	Sequence 2, Appl1
13	2167	99.1	466	1 US-07-882-202A-4	Sequence 4, Appl1
14	2167	99.1	466	1 US-08-921-615A-4	Sequence 4, Appl1
15	2167	99.1	466	1 US-08-321-777-4	Sequence 4, Appl1
16	2167	99.1	466	4 US-09-009-217-14	Sequence 14, Appl1
17	2167	99.1	466	4 US-09-009-656-14	Sequence 14, Appl1
18	2167	99.1	466	5 PCT-US93-04493-4	Sequence 4, Appl1
19	2160	98.8	406	1 US-08-293-778-24	Sequence 24, Appl1
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21	1381	63.1	255	4 US-09-644-600-7	Sequence 7, Appl1
22	1376	62.9	254	4 US-08-944-483-50	Sequence 50, Appl1
23	875	40.0	437	1 US-08-487-037-2	Sequence 2, Appl1
24	867	39.6	437	1 US-08-487-037-3	Sequence 3, Appl1
25	860.5	39.3	448	1 US-08-487-037-1	Sequence 1, Appl1
26	858.5	39.3	448	5 PCT-US92-10068-1	Sequence 3, Appl1
27	856.5	39.2	448	1 US-08-295-411-3	Sequence 3, Appl1

ALIGNMENTS

28	856.5	39.2	448	2	US-08-955-471-3	Sequence 3, Appl1
29	856.5	39.2	448	5	PCT-US92-10242-3	Sequence 3, Appl1
30	849	38.8	461	3	US-08-742-877-2	Sequence 2, Appl1
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32	847	38.7	461	6	5521070-2	Sequence 1, Appl1
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34	844	38.6	415	2	US-08-766-288-1	Sequence 1, Appl1
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37	843	38.5	492	1	US-08-469-486-2	Sequence 2, Appl1
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40	835	38.2	415	2	US-08-295-411-2	Sequence 2, Appl1
41	835	38.2	415	5	PCT-US92-10242-2	Sequence 2, Appl1
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43	726	33.2	419	1	US-08-295-411-1	Sequence 1, Appl1
44	726	33.2	419	2	US-08-955-471-1	Sequence 1, Appl1
45	726	33.2	419	4	US-09-667-570A-3	Sequence 3, Appl1

RESULT 1
US-08-295-411-5
Sequence 5, Application US/08295411
Patent No. 5679639
GENERAL INFORMATION:
APPLICANT: Griffin, John H.
APPLICANT: Messers, Rolf M.
TITLE OF INVENTION: Serine Protease-Derived Polypeptides and
TITLE OF INVENTION: Anti-Peptide Antihoddes, Systems and Therapeutic Methods
TITLE OF INVENTION: for Inhibiting Coagulation
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Office of Patent Counsel, The Scripps
ADDRESS: Research Institute
STREET: 10666 No. 5679639th Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/295,411
FILING DATE: 22-AUG-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,989
FILING DATE: 18-NOV-1991
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI263.0C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 406 amino acids
TYPE: amino acid
MOLECULE TYPE: linear
HYPOTHEICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: Region
LOCATION: 1..152


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COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10242
FILING DATE: 19921118

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,989
FILING DATE: 18-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR0472P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2837
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 406 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEetical: NO
ANTI-SENSE: NO

FEATURE:
NAME/KEY: Region
LOCATION: 1..152
OTHER INFORMATION: /note="Factor VII Light Chain"
NAME/KEY: Region
LOCATION: 153..406
OTHER INFORMATION: /note="Factor VII Heavy Chain"

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Query Match 99.1%; Score 2167; DB 5; Length 406;
Best Local Similarity 97.5%; Pred. No. 2.4e-166;
Matches 396; Conservative 0; Mismatches 10; Indels 0;
Gaps 0

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Db	61	CKDLOASTYICFCLPAFEGRCNETHKDDOLICVNENGGCEBOYCSDHGTGRSCRCHEGYSYL	120
QY	121	LADGVSCTPYTEYRPGKIPILEKRNASKPOGRIYGGKVCPKGECPMOVLLLVNGAOLCGG	180
Db	121	LADGVSCTPYTEYRPGKIPILEKRNASKPOGRIYGGKVCPKGECPMOVLLLVNGAOLCGG	180
QY	181	TLTITIMVWSAAHCGDKIKNNRNLLAVALGEHNLSEHDGDSRRVAOVIIIPSTYVGCTTN	240
Db	181	TLTITIMVWSAAHCGDKIKNNRNLLAVALGEHNLSEHDGDSRRVAOVIIIPSTYVGCTTN	240
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Db	241	HDIALRLRLHOPVULLDHYVPLCLPERTSESRLLAFRFSFLVSGMGLDLRGATALELMTVL	300
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Db	301	NVPLRLMPODC.LQOQSKRVGDSPIRTEYMFCAGISDQSKDSCKDDSGGPHATHYRGTYWLTG	360
QY	361	IIVSNGGCGATVGHFGVYTRVSYOYIEMLOKLMSEPPGVLLAAPP	406
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RESULT 4

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: Sequence 2 / Application US/08475845
: Patent No. 5788965
: GENERAL INFORMATION:
: APPLICANT: Berkner, Kathleen L.
: APPLICANT: Petersen, Lars C.
: APPLICANT: Hart, Charles E.
: APPLICANT: Hedner, Ulla
: APPLICANT: Bregengaard, Claus
: TITLE OF INVENTION: Modified Factor VII
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend Kourie and Crew
: STREET: One Market Plaza, Stewart Street Tower
: CITY: San Francisco
: STATE: CA
: COUNTRY: U.S.A.
: ZIP: 94105-1492
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.24
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/475,845
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/327,690
: FILING DATE: 24-OCT-1994
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/065,725
: FILING DATE: 21-MAY-1993
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/662,920
: FILING DATE: 28-FEB-1991
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Parmelee, Steven W.
: REGISTRATION NUMBER: 31,990
: REFERENCE/DOCKET NUMBER: 13952-8-4
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 206-467-9600
: TELEFAX: 415-543-5043
: INFORMATION FOR SEQ. ID NO. 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 444 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-475-845-2

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Query Match	99.1%	Score 2167	DB 1	Length 444
Best Local Similarity	97.5%	Pred. No 2.6e-16		
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				Gaps 0
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QY	61	CMDOLQSYCFCLPFAFEGRNCETHKDOLICVYNNGGCEBOYCSDHRTGTRSCNCHGYSL	120	
Db	99	CMDOLQSYCFCLPFAFEGRNCETHKDOLICVYNNGGCEBOYCSDHRTGTRSCNCHGYSL	158	
QY	121	LADGVSCPTPEYPCGKIPILEKRNASKPOGRIVGKVCPCGECAPQVLLVNGAOLCG	180	
Db	159	LADGVSCPTPEYPCGKIPILEKRNASKPOGRIVGKVCPCGECAPQVLLVNGAOLCG	218	
QY	181	TLIINTVWVAASHCHDKIKNNRNLIYVLGEHDSSEHGDQSRVAQVIIPSTYYPGTTN	240	
Db	219	TLIINTVWVAASHCHDKIKNNRNLIYVLGEHDSSEHGDQSRVAQVIIPSTYYPGTTN	278	

D_b 219 TLINTIWWSAHCFDKIKNMRNLAVLGHEHDSSEHDDGDSRRVAQVIIPSTLYPGTTN 278

OY 241 HDIALRLHQPVLTDHVPPLCLPERTFSERTLAFFVFSLVSGMQLDRGATALELMLV 300
DB 279 HDIALRLHQPVLTDHVPPLCLPERTFSERTLAFFVFSLVSGMQLDRGATALELMLV 338
OY 301 NVPRMLTOPCLOOSRKRVGSDSPNTEYMFCAVSDGSKDCKDGGPHATHYRGTYLIG 360
DB 339 NVPRMLTOPCLOOSRKRVGSDSPNTEYMFCAVSDGSKDCKDGGPHATHYRGTYLIG 398
OY 361 IVSMGOGCATVGHFGYTRVSQYIEMWLQKLMRSEPRPVLLRAPFP 406
DB 399 IVSMGOGCATVGHFGYTRVSQYIEMWLQKLMRSEPRPVLLRAPFP 444

RESULT 5
US-08-327-690-2

Sequence 2, Application US/08327690
Patent No. 5817788
GENERAL INFORMATION:
APPLICANT: Berkner, Kathleen L.
APPLICANT: Petersen, Lars C.
APPLICANT: Hart, Charles E.
APPLICANT: Hedner, Ulla
APPLICANT: Bregengaard, Claus
TITLE OF INVENTION: Modified Factor VII
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: CA
COUNTRY: U.S.A.
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/327,690
FILING DATE: 24-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/065,725
FILING DATE: 21-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/662,920
FILING DATE: 28-FEB-1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-8-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 444 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-327-690-2

Query Match 99.1%; Score 2167; DB 2; Length 444;
Best Local Similarity 97.5%; Pred. No. 2,66-166;
Matches 396; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

OY 1 ANAFLXXLRPGSKLRKXXKCFXXAXXIKDXKXRTKLMVSYSDGDCASSPCONGGS 60
DB 39 ANAFLXLRPGSKLRKXXKCFXXAXXIKDXKXRTKLMVSYSDGDCASSPCONGGS 98

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DB 99 CKDQLOSYICFCLEPAFEGNRCETHKDDQILCVENGGCEQYCSDFHGTNRKSCRCHEGYSL 158
OY 121 LADGVSCTPVEVPCCKIPFLERKRNASKPGGRIVGKVCYKGCPCPQVLLVNGAOLCGG 180
DB 159 LADGVSCTPVEVPCCKIPFLERKRNASKPGGRIVGKVCYKGCPCPQVLLVNGAOLCGG 218
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DB 219 TLINTIMVYSAHCFPKIKMNRMLIAVLSEHDSHEDGDSQSRVNOVIIPSTYVGGTN 278
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DB 279 HDIALRLHQPVLTDHVPPLCLPERTFSERTLAFFVFSLVSGMQLDRGATALELMLV 338
OY 301 NVPRMLTOPCLOOSRKRVGSDSPNTEYMFCAVSDGSKDCKDGGPHATHYRGTYLIG 360
DB 339 NVPRMLTOPCLOOSRKRVGSDSPNTEYMFCAVSDGSKDCKDGGPHATHYRGTYLIG 398
OY 361 IVSMGOGCATVGHFGYTRVSQYIEMWLQKLMRSEPRPVLLRAPFP 406
DB 399 IVSMGOGCATVGHFGYTRVSQYIEMWLQKLMRSEPRPVLLRAPFP 444

RESULT 6
US-08-660-289-2

Sequence 2, Application US/08660289
Patent No. 5833982
GENERAL INFORMATION:
APPLICANT: Berkner, Kathleen L.
APPLICANT: Petersen, Lars C.
APPLICANT: Hart, Charles E.
APPLICANT: Hedner, Ulla
APPLICANT: Bregengaard, Claus
TITLE OF INVENTION: Modified Factor VII
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: CA
COUNTRY: U.S.A.
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,289
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/475,845
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: 08/327,690
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/065,725
FILING DATE: 21-MAY-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/662,920
FILING DATE: 28-FEB-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-8-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 415-543-5043

NAME: Sawistak, Deborah A
REGISTRATION NUMBER: 37,438
REFERENCE/DOCKET NUMBER: 90-0707
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 444 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-871-003-2

Query Match 99.1%; Score 2167; DB 2; Length 444;
Best Local Similarity 97.5%; Pred. No. 2,6e-166;
Matches 396; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 ANAFLLXLRPGSLKRXKXXQCSFXAXRIFDKATKLFWISYSDGDCASSPCONGS 60
DB 39 ANAFLEELRPGSLERCKEEOCSFEAREIFDAERTKLFWISYSDGDCASSPCONGS 98
QY 61 CKDQLOSYICFCLPAFEGNCEFHNDOLICVNEGCCOYCSDHGTGRSCRCHEGYSL 120
DB 99 CKDQLOSYICFCLPAFEGNCEFHNDOLICVNEGCCOYCSDHGTGRSCRCHEGYSL 158
QY 121 LADGVSCTPTVEYPCGKIPILERKRNASKPOGRIVGKVCPCKECPQVILLVNGAOLCGG 180
DB 159 LADGVSCTPTVEYPCGKIPILERKRNASKPOGRIVGKVCPCKECPQVILLVNGAOLCGG 218
QY 181 TLINTIMWVSAAHCEFDKINMNRNLIAVLGEHDLSEHDGEOGRRAVQIIPSTYVPGTTN 240
DB 219 TLINTIMWVSAAHCEFDKINMNRNLIAVLGEHDLSEHDGEOGRRAVQIIPSTYVPGTTN 278
QY 241 HDIALRLHQPVLVDHVPVPLCPERTSEERTLAFVRFSLVSGWQLDRGATALELWYL 300
DB 279 HDIALRLHQPVLVDHVPVPLCPERTSEERTLAFVRFSLVSGWQLDRGATALELWYL 338
QY 301 NVPRMTODCLOOSRKVGDSPNITEYMFCAVSDGSKDSCGSPHATHTYRGTWYLTG 360
DB 339 NVPRMTODCLOOSRKVGDSPNITEYMFCAVSDGSKDSCGSPHATHTYRGTWYLTG 398
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DB 399 IYSWGOCATVGHFVYTRVSOYIEMLOKLMRSEPRPGVLLRAPPP 444

RESULT 9

US-08-464-233-2
Sequence 2, Application US/08464233
Patent No. 6039944

GENERAL INFORMATION:
APPLICANT: Berkner, Kathleen L.
APPLICANT: Petersen, Lars C.
APPLICANT: Hart, Charles E.
APPLICANT: Hedner, Ulla
APPLICANT: Bregengaard, Claus
TITLE OF INVENTION: Modified Factor VII
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourile and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: CA
COUNTRY: U.S.A.
ZIP: 94105-1492

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,233
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/327,690
FILING DATE: 24-OCT-1994
APPLICATION NUMBER: 08/065,725
FILING DATE: 21-MAY-1993
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/662,920
FILING DATE: 28-FEB-1991
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven M.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-8-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 444 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-464-233-2

Query Match 99.1%; Score 2167; DB 3; Length 444;
Best Local Similarity 97.5%; Pred. No. 2,6e-166;
Matches 396; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 ANAFLLXLRPGSLKRXKXXQCSFXAXRIFDKATKLFWISYSDGDCASSPCONGS 60
DB 39 ANAFLEELRPGSLERCKEEOCSFEAREIFDAERTKLFWISYSDGDCASSPCONGS 98
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DB 99 CKDQLOSYICFCLPAFEGNCEFHNDOLICVNEGCCOYCSDHGTGRSCRCHEGYSL 158
QY 121 LADGVSCTPTVEYPCGKIPILERKRNASKPOGRIVGKVCPCKECPQVILLVNGAOLCGG 180
DB 159 LADGVSCTPTVEYPCGKIPILERKRNASKPOGRIVGKVCPCKECPQVILLVNGAOLCGG 218
QY 181 TLINTIMWVSAAHCEFDKINMNRNLIAVLGEHDLSEHDGEOGRRAVQIIPSTYVPGTTN 240
DB 219 TLINTIMWVSAAHCEFDKINMNRNLIAVLGEHDLSEHDGEOGRRAVQIIPSTYVPGTTN 278
QY 241 HDIALRLHQPVLVDHVPVPLCPERTSEERTLAFVRFSLVSGWQLDRGATALELWYL 300
DB 279 HDIALRLHQPVLVDHVPVPLCPERTSEERTLAFVRFSLVSGWQLDRGATALELWYL 338
QY 301 NVPRMTODCLOOSRKVGDSPNITEYMFCAVSDGSKDSCGSPHATHTYRGTWYLTG 360
DB 339 NVPRMTODCLOOSRKVGDSPNITEYMFCAVSDGSKDSCGSPHATHTYRGTWYLTG 398
QY 361 IYSWGOCATVGHFVYTRVSOYIEMLOKLMRSEPRPGVLLRAPPP 406
DB 399 IYSWGOCATVGHFVYTRVSOYIEMLOKLMRSEPRPGVLLRAPPP 444

RESULT 10

US-09-189-607-2
Sequence 2, Application US/09189607
Patent No. 6168789

GENERAL INFORMATION:
APPLICANT: Berkner, Kathleen L.
APPLICANT: Petersen, Lars C.
APPLICANT: Hart, Charles E.
APPLICANT: Hedner, Ulla
APPLICANT: Bregengaard, Claus
TITLE OF INVENTION: Modified Factor VII
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourile and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco

STATE: CA
COUNTRY: U.S.A.
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/189,607
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/660,289
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/327,690
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/065,725
FILING DATE: 21-MAY-1993
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/662,920
FILING DATE: 28-FEB-1991
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-8-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 444 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-189-607-2

Query Match 99.1%; Score 2167; DB 4; Length 444;
Best Local Similarity 97.5%; Pred. No. 2,66-166;
Matches 396; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 ANAFXXLRPGSLXRXKXXQCSFYXARXIFRDXRTKLFWISYSDGDCASSPCONGS 60
DB 39 ANAFLEELRPGSLERCKEQCSEFEARERIFDAERTKLFWISYSDGDCASSPCONGS 98
QY 61 CKDQLOSYICFCFLPAFEGRNCEHKKDDQLICVNEGCCQYCSDHGTGRSCRCHEGYSL 120
DB 99 CKDQLOSYICFCFLPAFEGRNCEHKKDDQLICVNEGCCQYCSDHGTGRSCRCHEGYSL 158
QY 121 LADGVSCTPVEYRPGCKIPLEKRNASKPOGRIVGKVC PKGCGCPQVLLVNGAQLCGG 180
DB 159 LADGVSCTPVEYRPGCKIPLEKRNASKPOGRIVGKVC PKGCGCPQVLLVNGAQLCGG 218
QY 181 TLINTIWWVSAAHCFPKIKMNRLLIIVLGEHDLSEHDGDSRRVAQVILIPSTYVGTIN 240
DB 219 TLINTIWWVSAAHCFPKIKMNRLLIIVLGEHDLSEHDGDSRRVAQVILIPSTYVGTIN 278
QY 241 HDIALRLHQPVVLDHVVPLCLPERTFSERTLAFVRFSLVSGWGLDGRGATALEMLVL 300
DB 279 HDIALRLHQPVVLDHVVPLCLPERTFSERTLAFVRFSLVSGWGLDGRGATALEMLVL 338
QY 301 NVPRMLTQDLOOSRKVGDSPNITTEWFCAGYSDGSKDSCGSGPHATHYRGTYLIG 360
DB 339 NVPRMLTQDLOOSRKVGDSPNITTEWFCAGYSDGSKDSCGSGPHATHYRGTYLIG 398
QY 361 IVSMGCGCATVGHFGVYTRVSOYIEMLOKLMRSEPRGVLLRAFPF 406
DB 399 IVSMGCGCATVGHFGVYTRVSOYIEMLOKLMRSEPRGVLLRAFPF 444

RESULT 11
US-09-378-907-2
Sequence 2, Application US/09378907
Patent No. 6183743
GENERAL INFORMATION:
APPLICANT: Hart, Charles E.
APPLICANT: Petersen, Lars C.
APPLICANT: Hedner, Ulla
APPLICANT: Rasmussen, Mirella E.
TITLE OF INVENTION: Modified Factor VII
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,907
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/971,003
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Sawislak, Deborah A.
REGISTRATION NUMBER: 37,438
REFERENCE/DOCKET NUMBER: 90-07C7
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 444 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-378-907-2

Query Match 99.1%; Score 2167; DB 4; Length 444;
Best Local Similarity 97.5%; Pred. No. 2,66-166;
Matches 396; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 ANAFXXLRPGSLXRXKXXQCSFYXARXIFRDXRTKLFWISYSDGDCASSPCONGS 60
DB 39 ANAFLEELRPGSLERCKEQCSEFEARERIFDAERTKLFWISYSDGDCASSPCONGS 98
QY 61 CKDQLOSYICFCFLPAFEGRNCEHKKDDQLICVNEGCCQYCSDHGTGRSCRCHEGYSL 120
DB 99 CKDQLOSYICFCFLPAFEGRNCEHKKDDQLICVNEGCCQYCSDHGTGRSCRCHEGYSL 158
QY 121 LADGVSCTPVEYRPGCKIPLEKRNASKPOGRIVGKVC PKGCGCPQVLLVNGAQLCGG 180
DB 159 LADGVSCTPVEYRPGCKIPLEKRNASKPOGRIVGKVC PKGCGCPQVLLVNGAQLCGG 218
QY 181 TLINTIWWVSAAHCFPKIKMNRLLIIVLGEHDLSEHDGDSRRVAQVILIPSTYVGTIN 240
DB 219 TLINTIWWVSAAHCFPKIKMNRLLIIVLGEHDLSEHDGDSRRVAQVILIPSTYVGTIN 278
QY 241 HDIALRLHQPVVLDHVVPLCLPERTFSERTLAFVRFSLVSGWGLDGRGATALEMLVL 300
DB 279 HDIALRLHQPVVLDHVVPLCLPERTFSERTLAFVRFSLVSGWGLDGRGATALEMLVL 338
QY 301 NVPRMLTQDLOOSRKVGDSPNITTEWFCAGYSDGSKDSCGSGPHATHYRGTYLIG 360
DB 339 NVPRMLTQDLOOSRKVGDSPNITTEWFCAGYSDGSKDSCGSGPHATHYRGTYLIG 398
QY 361 IVSMGCGCATVGHFGVYTRVSOYIEMLOKLMRSEPRGVLLRAFPF 406

Db 399 IVSMGCGCATVGHFVYTRVSOYIEMLOKLMRSEPRGVLLRAPPP 444

RESULT 12

PCT-US94-05779-2

; Sequence 2, Application PC/TUS9405779

; GENERAL INFORMATION:

; APPLICANT:

; TITLE OF INVENTION: Modified Factor VII

; NUMBER OF SEQUENCES: 4

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: PC-DOS/MS-DOS

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US94/05779

; FILING DATE: 23-MAY-1994

; CLASSIFICATION:

; PRIORITY INFORMATION:

; APPLICATION NUMBER: US 08/065,725

; FILING DATE: 21-MAY-1993

; PRIORITY INFORMATION DATA:

; APPLICATION NUMBER: US 07/662,920

; FILING DATE: 28-FEB-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Parmelee, Steven W.

; REGISTRATION NUMBER: 31,990

; REFERENCE/DOCKET NUMBER: 13952-8-1PC

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 206-467-9600

; TELEFAX: 415-543-5043

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 444 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; PCT-US94-05779-2

Query Match 99.1%; Score 2167; DB 5; Length 444;
Best Local Similarity 97.5%; Pred. No. 2.6e-166;

Matches 396; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 ANAFLLXLRGSLRXKXQCSFYXARXIFKDAKRTKLFMISYSGDDCASSPCONGGS 60
Db 39 ANAFLELRGSLERCKEKCSEFEAREIFKDAERTKLFMISYSGDDCASSPCONGGS 98
QY 61 CKDQLOSYICFCFLPAFEGRNCTHKKDDOLICVNEGGCEQYCSDHGTGRSCRCHGYSL 120
Db 99 CKDQLOSYICFCFLPAFEGRNCTHKKDDOLICVNEGGCEQYCSDHGTGRSCRCHGYSL 158
QY 121 LADGVSCTPVEYPCGKIPILERKRNASKOGRIVGKVCPCKEGCPQVLLVNGAOLCGG 180
Db 159 LADGVSCTPVEYPCGKIPILERKRNASKOGRIVGKVCPCKEGCPQVLLVNGAOLCGG 218
QY 181 TLINTIMVYSAHCFDKIKNMRNLIVLGEHDLSEHDGDSQSRVAVIIPSTYYVGTGN 240
Db 219 TLINTIMVYSAHCFDKIKNMRNLIVLGEHDLSEHDGDSQSRVAVIIPSTYYVGTGN 278
QY 241 HDIALRLHQPVLVDHVPVPLCLPERTSEERTLAFVRFSLVSGWGLDRGATALELAVL 300
Db 279 HDIALRLHQPVLVDHVPVPLCLPERTSEERTLAFVRFSLVSGWGLDRGATALELAVL 338
QY 301 NVPRMLTOPCLDQSKRVGSDSPNTEYMFCAAGSDGSKDCKSGGPHATHTYRGTYLTG 360
Db 339 NVPRMLTOPCLDQSKRVGSDSPNTEYMFCAAGSDGSKDCKSGGPHATHTYRGTYLTG 398
QY 361 IVSMGCGCATVGHFVYTRVSOYIEMLOKLMRSEPRGVLLRAPPP 406
Db 399 IVSMGCGCATVGHFVYTRVSOYIEMLOKLMRSEPRGVLLRAPPP 444

RESULT 13
US-07-882-202A-4
; Sequence 4, Application US/07882202A

; Patent No. 5374617

; GENERAL INFORMATION:

; APPLICANT: Morrissey, James H.

; APPLICANT: Comp. Philip C.

; TITLE OF INVENTION: Treatment of Bleeding with Modified

; NUMBER OF SEQUENCES: 4

; CORRESPONDENCE ADDRESS:

; ADDRESS: 1201 Elm Street, Suite 4500

; CITY: Dallas

; STATE: Texas

; COUNTRY: US

; ZIP: 75270-2197

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: PC-DOS/MS-DOS

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/882,202A

; FILING DATE: 13-MAY-1992

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Hansen, Eugenia S.

; REGISTRATION NUMBER: 31,966

; REFERENCE/DOCKET NUMBER: OMRF B34290

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 214-939-4600

; TELEFAX: 214-939-4600

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 466 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-07-882-202A-4

Query Match 99.1%; Score 2167; DB 1; Length 466;
Best Local Similarity 97.5%; Pred. No. 2.8e-166;

Matches 396; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 ANAFLLXLRGSLRXKXQCSFYXARXIFKDAKRTKLFMISYSGDDCASSPCONGGS 60
Db 61 ANAFLELRGSLERCKEKCSEFEAREIFKDAERTKLFMISYSGDDCASSPCONGGS 120
QY 61 CKDQLOSYICFCFLPAFEGRNCTHKKDDOLICVNEGGCEQYCSDHGTGRSCRCHGYSL 120
Db 121 CKDQLOSYICFCFLPAFEGRNCTHKKDDOLICVNEGGCEQYCSDHGTGRSCRCHGYSL 180
QY 121 LADGVSCTPVEYPCGKIPILERKRNASKOGRIVGKVCPCKEGCPQVLLVNGAOLCGG 180
Db 181 LADGVSCTPVEYPCGKIPILERKRNASKOGRIVGKVCPCKEGCPQVLLVNGAOLCGG 240
QY 181 TLINTIMVYSAHCFDKIKNMRNLIVLGEHDLSEHDGDSQSRVAVIIPSTYYVGTGN 240
Db 241 TLINTIMVYSAHCFDKIKNMRNLIVLGEHDLSEHDGDSQSRVAVIIPSTYYVGTGN 300
QY 241 HDIALRLHQPVLVDHVPVPLCLPERTSEERTLAFVRFSLVSGWGLDRGATALELAVL 300
Db 279 HDIALRLHQPVLVDHVPVPLCLPERTSEERTLAFVRFSLVSGWGLDRGATALELAVL 360
QY 301 NVPRMLTOPCLDQSKRVGSDSPNTEYMFCAAGSDGSKDCKSGGPHATHTYRGTYLTG 360
Db 339 NVPRMLTOPCLDQSKRVGSDSPNTEYMFCAAGSDGSKDCKSGGPHATHTYRGTYLTG 420
QY 361 IVSMGCGCATVGHFVYTRVSOYIEMLOKLMRSEPRGVLLRAPPP 406
Db 421 IVSMGCGCATVGHFVYTRVSOYIEMLOKLMRSEPRGVLLRAPPP 466

Db 301 HDIALRLHQPVYLTIDHVVPLCLPERTSERLAFVRBSLVSQGLDRCATALEMYL 360
OY 301 NVPRMTODCLQOSRKVDSPNITEYMFCAISDGSCKDCKGSGPHATHYRGTYLIG 360
Db 361 NVPRMTODCLQOSRKVDSPNITEYMFCAISDGSCKDCKGSGPHATHYRGTYLIG 420
OY 361 IVSMGCGCATVGHFGVYTRVSQYIEMLOKIMRSEPRGVLLRAFP 406
Db 421 IVSMGCGCATVGHFGVYTRVSQYIEMLOKIMRSEPRGVLLRAFP 466

Search completed: July 1, 2003, 17:55:08
Job time : 30 secs